

What is claimed is:

Sub B8
1. A sealant for polypropylene consisting essentially of a composition comprising:

a high-pressure-processed low-density polyethylene

5 (A) having a density (measured in accordance with ASTM D 1505) of 910 to 930 kg/m³ and a melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238) of 0.5 to 20 g/10 min, and

an ethylene/ α -olefin copolymer (B) having a density
10 (measured in accordance with ASTM D 1505) of 860 to less than 890 kg/m³, a melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238), MFR_{2.16}, of 0.5 to 40 g/10 min and a molecular weight distribution (Mw/Mn) determined by gel permeation chromatography (GPC)
15 of 1.5 to 3, obtained from ethylene and an α -olefin having 3 to 10 carbon atoms, and/or

a linear low-density polyethylene (C) having a density (measured in accordance with ASTM D 1505) of 890 to 940 kg/m³ and a melt flow rate (measured under a load of 2.16
20 kg at 190°C in accordance with ASTM D 1238) of 0.2 to 30 g/10 min, obtained from ethylene and an α -olefin having 3 to 10 carbon atoms,

wherein, in the composition, the
high-pressure-processed low-density polyethylene (A) is

contained in an amount of 10 to 85% by weight, the ethylene/ α -olefin copolymer (B) is contained in an amount of 50% by weight or less, and the ethylene/ α -olefin copolymer (B) and linear low-density polyethylene (C) are contained in a total amount of 15 to 90% by weight, based on the total weight of high-pressure-processed low-density polyethylene (A), ethylene/ α -olefin copolymer (B) and linear low-density polyethylene (C),

which composition exhibits a melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238) of 1 to 15 g/10 min and a melt tension (MT) measured at 190°C of 5 to 100 mN.

2. The sealant for polypropylene as claimed in claim 1, wherein the ethylene/ α -olefin copolymer (B) has a ratio, $MFR_{10}/MFR_{2.16}$, of melt flow rate (measured under a load of 10 kg at 190°C in accordance with ASTM D 1238), MFR_{10} , to melt flow rate (measured under a load of 2.16 kg at 190°C in accordance with ASTM D 1238), $MFR_{2.16}$, of 5 to 20.

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3. The sealant for polypropylene as claimed in claim 1 or 2, wherein the molecular weight distribution (M_w/M_n) determined by GPC with respect to the linear low-density polyethylene (C), is in the range of 1.5 to 5.

4. An easily openable hermetically sealed package comprising a laminate having a structure such that one side of a sealant layer (I) consisting essentially of the sealant for polypropylene as claimed in any of claims 1 to 3 is overlaid with a resin layer of polypropylene (II) by heat sealing laminating.

5. The easily openable hermetically sealed package as claimed in claim 4, wherein the laminate has a structure such that another side, opposite to the side overlaid with the resin layer of polypropylene (II), of the sealant layer (I) is overlaid with a base layer (III) of a member selected from among a polyester, a polyamide, a metallized film, an aluminum foil and a polyolefin by laminating, and wherein the sealant layer (I) has a thickness of 5 to 10 μm .

6. The easily openable hermetically sealed package as claimed in claim 5, wherein the base layer (III) is laminated with the sealant layer (I) consisting essentially of the sealant for polypropylene as claimed in any of claims 1 to 3 by extrusion laminating.

7. The easily openable hermetically sealed package as claimed in any of claims 4 to 6, wherein the sealant layer (I) consisting essentially of the sealant for polypropylene as claimed in any of claims 1 to 3 is formed by inflation molding or cast molding.

8. An easily openable hermetically sealed package comprising a cover of a laminate and a cup of a resin layer of polypropylene (II), said laminate having a structure such that one side of a sealant layer (I) consisting essentially of the sealant for polypropylene as claimed in any of claims 1 to 3 is overlaid with a resin layer of polypropylene (II) by laminating and such that another side, opposite to the side overlaid with the resin layer of polypropylene (II), of the sealant layer (I) is overlaid with a base layer (III) of a member selected from among a polyester, a polyamide, a metallized film, an aluminum foil and a polyolefin by laminating, said base layer (III) and said sealant layer (I) each having a thickness of 5 to 100 μm .